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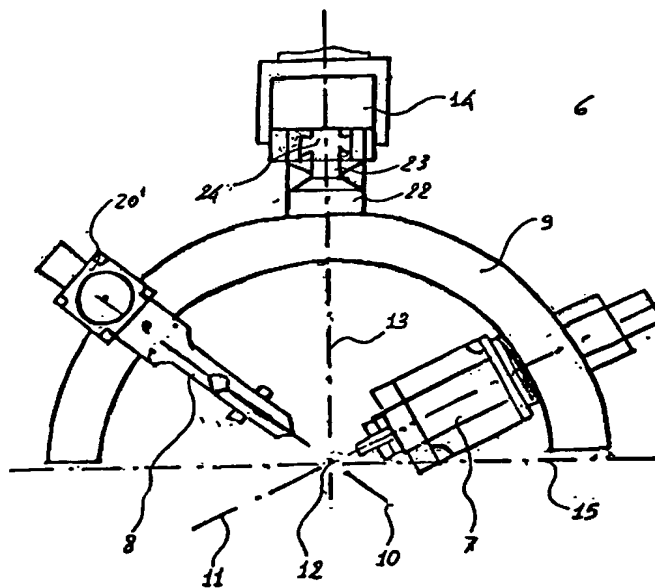
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ning of each regular issue of the PCT Gazette.

(54) Title: **DIFFRACTOMETER AND METHOD FOR DIFFRACTION ANALYSIS**



(57) Abstract: Diffractometer and method for diffraction analysis making use of two Euler cradles, a primary and a secondary Euler cradle. The primary Euler cradle supports a source of a radiation beam, having a collimation axis, and a radiation beam detector, having a reception axis, said collimation and reception axis, conveying in a centre of the diffractometer which is fixed with respect to the primary Euler cradle. The source and detector are adapted to move along the primary Euler cradle. The secondary Euler cradle supports the primary Euler cradle and is arranged to rotate the latter.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01N A61B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, COMPENDEX, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 2 198 920 A (UNIV MOSKOVSK) 22 June 1988 (1988-06-22) page 1, paragraph 1 page 7, line 1-18 page 13, line 6-29; figures 1-4	1, 2, 4-6, 8-12
A	US 5 014 293 A (BOYD DOUGLAS P ET AL) 7 May 1991 (1991-05-07) column 2, line 50 -column 3, line 34; figures 1-4	3, 6
A	US 4 922 512 A (LAJUS PIERRE ET AL) 1 May 1990 (1990-05-01) column 2, line 54 -column 4, line 47 column 5, line 16-33; figure 3	3
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☒ Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 016 375 A (GEN ELECTRIC) 5 July 2000 (2000-07-05) column 3, line 50 -column 4, line 39 column 11, line 15-26; figures 1,2 -----	3
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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